

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6642888".pn. processor	US-PGPUB; USPAT; USOOR; EPO; JPO	AND	OFF	2009/07/30 16:39
L2	2	("7099698") or ("2003016637").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2009/07/30 17:02
L3	3	("7099698") or ("2003016637") or ("7190734").PN.	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2009/07/30 17:09
S1	6	"6763073"	US-PGPUB; USPAT; USOOR; EPO; JPO	AND	OFF	2009/07/27 18:43
S2	44	(("6763073") or ("7110463") or ("20050180312") or ("20070009059") or ("20050249174") or ("20050265275") or ("20060013250") or ("20080273617") or ("7190734") or ("7099698") or ("6314147") or ("6441786") or ("6452981") or ("6477161") or ("6486628") or ("6711528") or ("5760388") or ("6788661") or ("6801790") or ("6816555") or ("6862271") or ("6940917") or ("6956897") or ("7020110") or ("7057555") or ("7079870") or ("7095709") or ("7151809") or ("7194042") or ("7200631") or ("7227906") or ("7317750") or ("7359466") or ("20040002364") or ("20040052315") or ("20040082356") or ("20040085939") or ("20050017511") or ("20050149320") or ("20050195733") or ("20050249159") or	US-PGPUB; USPAT; USOOR; EPO; JPO	OR	OFF	2009/07/27 18:46

		("20050276347") or ("20060234789") or ("20060274844")).PN.				
S3	44	((("6763073") or ("7110463") or ("20050180312") or ("20070009059") or ("20050249174") or ("20050265275") or ("20060013250") or ("20080273617") or ("7190734") or ("7099698") or ("6314147") or ("6441786") or ("6452981") or ("6477161") or ("6486628") or ("6711528") or ("5760388") or ("6788661") or ("6801790") or ("6816555") or ("6862271") or ("6940917") or ("6956897") or ("7020110") or ("7057555") or ("7079870") or ("7095709") or ("7151809") or ("7194042") or ("7200631") or ("7227906") or ("7317750") or ("7359466") or ("20040002364") or ("20040052315") or ("20040082356") or ("20040085939") or ("20050017511") or ("20050149320") or ("20050195733") or ("20050249159") or ("20050276347") or ("20060234789") or ("20060274844")).PN.	US-PGPUB; USPAT; USOCR; EPO, JPO	OR	OFF	2009/07/28 10:19
S4	13	(base or walsh or fourier or unitary) same (scalar or ("- j")) S3	US-PGPUB; USPAT; USOCR; EPO, JPO	AND	OFF	2009/07/28 10:19
S5	14487228	@ad<="20040331"	US-PGPUB; USPAT; USOCR; EPO, JPO	AND	OFF	2009/07/28 10:19
S6	7	S4 S5	US-PGPUB; USPAT; USOCR; EPO, JPO	AND	OFF	2009/07/28 10:19
S7	267784	(base or walsh or fourier or unitary) same (scalar or ("- j"))	US-PGPUB; USPAT; USOCR; EPO, JPO	AND	OFF	2009/07/28 11:18

S8	14315	((base or walsh or fourier or unitary) same (scalar or ("j")) spatial	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 11:18
S9	370	((base or walsh or fourier or unitary) same (scalar or ("j")) spatial steer	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 11:18
S10	1040	((base or walsh or fourier or unitary) same (scalar or ("j")) spatial steer\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 11:18
S11	142	((base or walsh or fourier or unitary) same (scalar or ("j")) spatial steer\$4 (multi \$2antenna or mimo or multiple adj4 input)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 11:19
S12	220	((base or walsh or fourier or unitary) same (scalar or ("j")) spatial steer\$4 (multi \$2antenna or mimo or multiple adj4 input or multiple adj4 antenna\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 11:19
S13	88	S12 S5	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 11:20
S14	1	("20060234789").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/07/28 11:22
S15	164	((basis or walsh or fourier or unitary) same (scalar or ("j")) spatial steer\$4 (multi \$2antenna or mimo or multiple adj4 input or multiple adj4 antenna\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 16:27
S16	14487228	@ad<="20040331"	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 16:27
S17	64	S15 S16	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 16:27
S18	45	((basis or walsh or fourier or unitary) same (scalar) spatial steer\$4 (multi\$2antenna or mimo or multiple adj4 input or multiple adj4 antenna\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 17:49

S19	64	S17 S16	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 17:49
S20	10	S18 S16	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 17:49
S21	30	rotation with (basis or walsh or unitary or Fourier) spatial steer\$4 (multi\$2antenna or mimo or multiple adj4 input or multiple adj4 antenna\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 18:09
S22	13	S21 S16	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 18:09
S23	19	rotat\$4 with (basis or walsh or unitary or Fourier) with (correlat\$4 or multipl\$4 or multiplication) spatial steer \$4 (multi\$2antenna or mimo or multiple adj4 input or multiple adj4 antenna\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 18:18
S24	11	S23 S16	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 18:18
S25	9	rotat\$4 with (matrix) with (correlat\$4 or multipl\$4 or multiplication) spatial steer \$4 (multi\$2antenna or mimo or multiple adj4 input or multiple adj4 antenna\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 18:19
S26	2	S25 S16	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/28 18:19
S27	1	"20050220199".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	AND	OFF	2009/07/29 11:32
S28	0	("2005/0220199").URPN.	USPAT	AND	OFF	2009/07/29 11:32
S29	0	("7447268").URPN.	USPAT	AND	OFF	2009/07/29 11:34
S30	1	"7447268".pn.	USPAT	AND	OFF	2009/07/29 11:34

S31	29	("20020003773"   "20020196734"   "20030021351"   "20030099216"   "20030099304"   "20040081131"   "20040081248"   "20050025253"   "20050074067"   "20050100108"   "20050128938"   "20050135493"   "20050152473"   "20050201473"   "4112430"   "4716376"   "5796307"   "6442214"   "6687315"   "6754511"   "6856590"   "6934320"   "6940917"   "6985535"   "7020072"   "7046617"   "7113548"   "7242720"   "7254179").PN. OR ("7447268").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 11:34
S32	122	steering with matrix same (unitary or walsh or fourier)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 11:37
S33	4694451	@ad<="20040311"	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 11:37
S34	39	S33 S32	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 11:37
S35	9	S33 S32 ("+"")	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 12:44
S36	28	steering with matrix same (unitary or walsh or fourier) same phase	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 16:39
S37	4694451	@ad<="20040311"	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 16:39
S38	11	S36 S37	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 16:39
S39	27	steering with matrix same4 phase same (identity or unitary or walsh)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 17:03
S40	7	S39 S37	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 17:03
S41	28	steering with matrix same (unitary or walsh or fourier) same phase	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 17:45

S42	11	S41 S37	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 17:45
S43	31	steering near4 matrix same phase steering near4 matrix same (unitary or walsh)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 17:51
S44	37	steering near4 matrix same phase steering near4 matrix same (unitary or walsh or identity)	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 17:51
S45	7	S44 S37	US-PGPUB; USPAT; USOCR	AND	OFF	2009/07/29 17:51

7/ 30/ 2009 5:29:02 PM

C:\Documents and Settings\lwong\My Documents\EAST\Workspaces\10821390\_4.wsp